

INFORMATION DISCLOSURE CITATION
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Atty. Docket No.	03495.0111-10000		Serial No.	09/244,130			
Applicant	Dujon et al.						
Filing Date	February 4, 1999			Group	1636		
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
U.S. PATENT DOCUMENTS							
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
SK		WO 96 04397	2/15/96	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
SK	Colleaux et al., "Universal Code Equivalent of a Yeast Mitochondrial Intron Reading Frame is Expressed into <i>E. Coli</i> as a Specific Double Strand Endonuclease, <u>CELL</u> , Vol. 44, 1986, pp. 521-533.						
SK	Colleaux et al., "Recognition and Cleavage Site of the Intron-Encoded Omega Transposase", <u>PROC. NATL. ACAD. SCI. USA</u> , Vol. 85, 1988, pp. 6022-6026.						
SK	Colleaux et al., "The Apocytochrome b Gene of <i>Chlamydomonas smithii</i> Contains a Mobile Intron Related to Both <i>Saccharomyces</i> and <i>Neurospora</i> Introns, <u>MOL. GEN. GENET.</u> , Vol. 223, 1990, pp. 288-296.						
SK	Colleaux et al., "Rapid Mapping of YAC Inserts ...I, " <u>HUMAN MOL. GENET.</u> , Vol. 2(3), 1993, pp. 265-271.						
SK	Dujon et al., "Sequence of the Intron and Flanking Exons of the Mitochondrial 21s rRNA Gene of Yeast Strains Having Different Alleles at the ω and rib-1 Loci, <u>CELL</u> , Vol. 20, 1980, pp. 185-187.						
SK	Dujon et al., <u>MITOCHONDRIA</u> , 1983, Walter de Gruyter & Co., pp. 389-403.						
SK	Dujon et al., "In Achievements and Perspective of Mitochondrial Research", <u>BIOGENESIS</u> , Vol. II, Elsevier Science Publishers, 1985, pp. 215-225.						
SK	Dujon et al., "In Extrachromosomal Elements in Lower Eukaryotes", Plenum Publishing Corporation, 1986, pp. 5-27.						
SK	Dujon B. et al., "Group I Introns as Mobile Genetic Elements: Facts and Mechanistic Speculations - A Review", <u>GENE</u> , Vol. 82, 1989, pp. 91-114.						
SK	Dujon et al., "Mobile Introns: Definition of Terms and Recommended Nomenclature," <u>GENE</u> , Vol. 82, 1989, pp. 115-118.						

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<i>SE</i>	Dujon et al., "Mobile Introns," Abstract presented at EMBO Workshop, Roscoff, France, June 24-28, 1990.		
<i>SE</i>	Jacquier et al., "The Intron of the Mitochondrial 21s rRNA Gene: Distribution in Different Yeast Species and Sequence Comparison Between <i>Kluyveromyces thermotolerans</i> and <i>Saccharomyces cerevisiae</i> ," <u>MOL. GEN. GENET.</u> , Vol. 192, 1983, pp. 487-499.		
<i>SE</i>	Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that Spreads an Intron into a Mitochondrial Gene," <u>CELL</u> , Vol. 41, 1985, pp. 383-394.		
<i>SE</i>	Michel et al., "Comparision of Fungal Mitochondrial Introns Reveals Extensive Homologies in RNA Secondary Structure," <u>BIOCHEMIE</u> , Vol. 64, 1982, pp. 867-881.		
<i>SE</i>	Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families Including Mitochondrial-, Chloroplast- and Nuclear-Encoded Members," <u>EMBO JOURNAL</u> , Vol. 2(1), 1983, pp. 33-38.		
<i>SE</i>	Michel et al., "Genetic Exchanges Between Bacteriophage T4 and Filamentous Fungi?", <u>CELL</u> , Vol. 46, 1986, p. 323.		
<i>SE</i>	Monteilhet et al., "Purification and Characterization of the <i>in vitro</i> Activity of <i>I-Sce I</i> , a Novel and Highly Specific Endonuclease Encoded by a Group 1 Intron," <u>NUCLEIC ACIDS RESEARCH</u> , Vol. 18(6), 1990, pp. 1407-1413.		
<i>SE</i>	Muscarella et al., "A Mobile Group I Intron in the Nuclear rDNA of <i>Physarum Polycephalum</i> ," <u>CELL</u> , Vol. 56, pp. 443-454.		
<i>SE</i>	Plessis et al., "Site-Specific Recombination by <i>I-Sce I</i> : A Mitochondrial Group I Intron-Encoded Endonuclease Expressed in the Yeast Nucleus," <u>GENETICS</u> , Vol. 130(3), 1992, pp. 451-460.		
<i>SE</i>	Rudin et al., "Efficient Repair of HO-Induced Chromosomal Breaks in <i>Saccharomyces cerevisiae</i> by Recombination Between Flanking Homologous Sequences," <u>MOL. CELL BIOL.</u> , Vol. 8, pp. 3918-3928.		
<i>SE</i>	Tartot et al., "Gene: New Cloning Vectors and Techniques ...," <u>GENE</u> , Vol. 67, 1988, pp. 169-182.		
<i>SE</i>	Thierry et al., "Cleavage of Yeast and Bacteriophage T7 Genomes at a Single Site Using the Rare Cutter Endonuclease <i>I-Sce I</i> ," <u>NUCLEIC ACID RESEARCH</u> , Vol. 19(1), 1991, pp. 189-190.		
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Date Considered	10/20/99		
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FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
SC	Jasin, et al., "Targeted Transgenesis," Proc. Natl. Acad. Sci., USA, 93:17, pp. 8804-8804, Aug. 20, 1996.					
SC	Rouet, et al., "Introduction of Double-Strand Breaks into the Genome of Mouse Cells by Expression of a Rare-Cutting Endonuclease," Molecular and Cellular Biology, pp. 8096-8106, Dec. 1994.					
SC	Rouet et al., "Expression of a Site-Specific Endonuclease Stimulates Homologous Recombination in Mammalian Cells," Proc. Natl. Acad. Sci., USA, 99:6064-6068, June 1994.					
SC	Lukasovich, et al. "Repair of a Specific Double-Strand Break Generated within a Mammalian Chromosome by Yeast Endonuclease 1-Sce1," Nucleic Acids Research, 22:25, pp. 5649-5657, 1994.					
SC	Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Stem Cells," Nucleic Acids Research, 23:24, pp. 5012-5019, 1995.					
SC	Moynahan, et al., "A Model for Testing Recombinogenic Sequences in the Mouse Germline," Human Molecular Genetics, 5:7, pp. 875-886, 1996.					
SC	Jasin, "Genetic Manipulation of Genomes with Rare-Cutting Endonucleases," Trends in Genetics, 12:6, pp. 224-228, June 1996.					

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